







"I'm holding the ladder for Bill. What are you doing?"







General Services Division, Safety

SC Budget & Control Board

Bernie Lee, 737-2315

LADDERS ARE





Nearly 300 Deaths & 65,000 Serious Injuries due to Falls from Ladders each Year can be prevented by following:

- COMMON SENSE
- BASIC RULES

LADDER SAFETY

- Selection
- Inspection
- Set Up
- Climbing & Work Safety
- Maintenance & Storage



EVALUATE the JOB:

- Work Surface
 - •Slippery or Uneven?
- Obstructions
 - •Enough Room?
 - •Congested?
 - •Near a Door?
 - •Electrical Hazard?

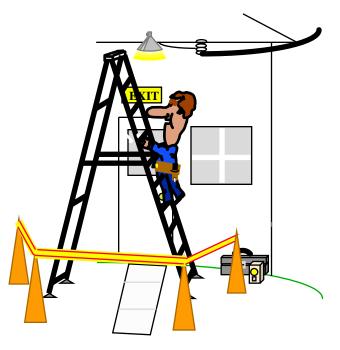


EVALUATE the JOB:

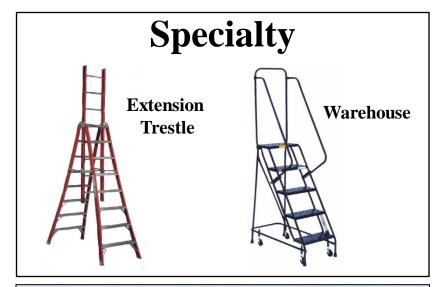
- •How Much Weight?
 - You, Your Tools & Materials
- How High?

HAZARDS:

- •OVERHEAD WIRES Avoid > 10'
- •CLUTTER Clean Up
- •PEDESTRIAN / VEHICLE TRAFFIC Block Off
- •DOORS Lock, Block and/or Observer













Wrong Way

Materials







- •Lightweight
- Corrosion Resistant



WOOD

- •Economical
- •Electrically Non-Conductive when Clean & Dry







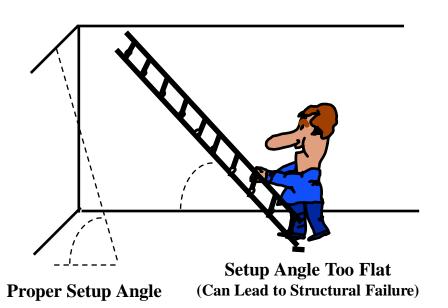


NEVER Exceed Duty Rating

Add Your Weight + Weight of PPE + Weight of Tool Belt & Tools + Weight of Supplies Carried Onto the Ladder

Use Proper Length/Height

- •To Reach Object
- •To Stand at Proper Angle

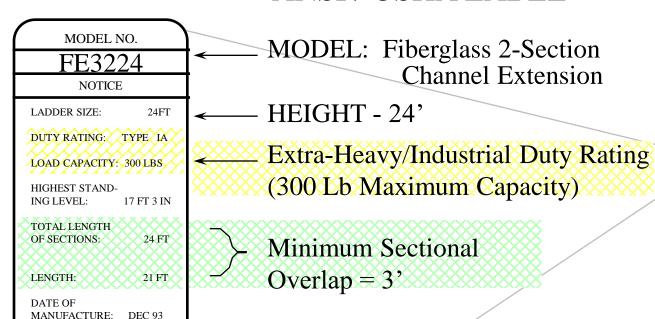




DO NOT:

- •Climb on Top:
 - •3 Rungs of Extension Ladder
 - •2 Steps of Step Ladder
- •Set Ladder on Unstable Platform to Gain Extra Height

ANSI / OSHA LABEL





MEETS ANSI CODE A14.5

MEETS OSHA REQUIREMENTS

MADE IN USA





INSPECTING

ACCESSORIES & SAFETY DEVICES

TOOL CADDY

TOP CAP

SPREADER BRACE

BACK BRACE

PAIL SHELF

LABELS

- •ANSI / OSHA
- **•OPERATING & MAINTENANCE INSTRUCTIONS**



GUSSET BRACING



SHOE w/ SLIP RESISTANT **RUBBER SOLE (ON ALL FEET)**



-STEP





STABILIZER BAR



PAINT CAN HANGAR



BEFORE YOU TRAVEL TO YOUR WORK

FEET, SIDE RAILS, RUNGS / STEPS

•BROKEN, MISSING, TIGHTNESS, WORN, SHARP EDGES / POINTS, DEFECTS, CLEAN

HARDWARE, FITTINGS & ACCESSORIES

•FUNCTION, LUBRICATION, SECURE







INSPECTING

UNSAFE LADDER

ALWAYS Mark Unsafe Ladders with a **DANGER** TAG and Remove for: Repair by **Authorized Person** or **Immediate** Destruction

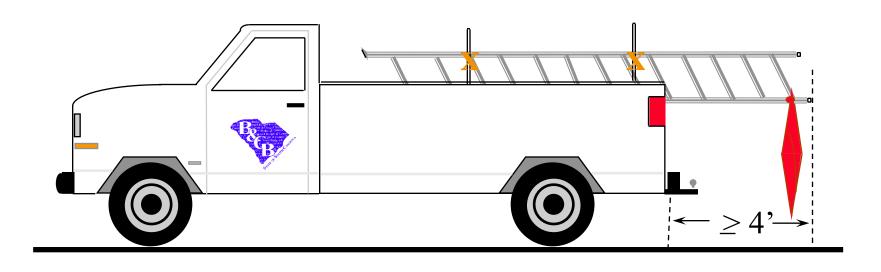




LADDER TRANSPORT

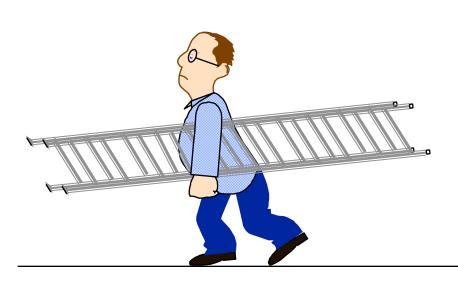
Secure Both Ends Of Ladder On Vehicle

Flag It If Sticks Out 4' or More

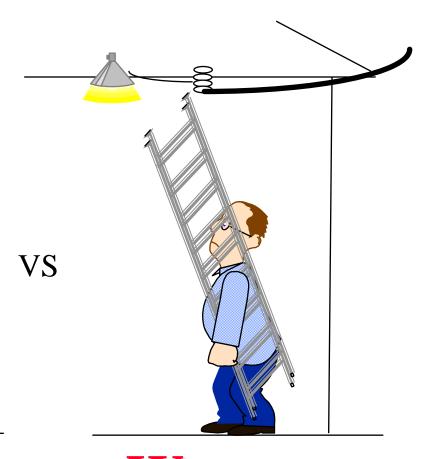


TRANSPORTING A LADDER

RETRACT FLY SECTION

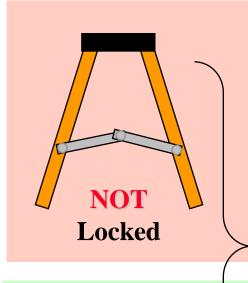




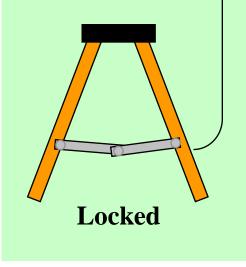


Wrong

STEP LADDER SETUP

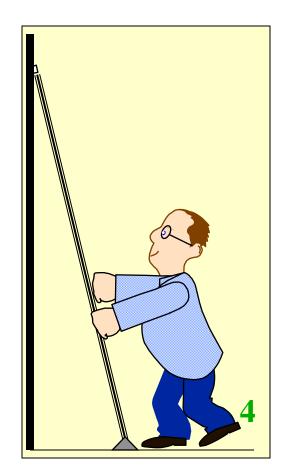


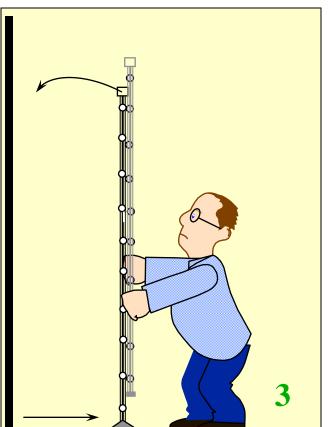
SPREADER BRACE

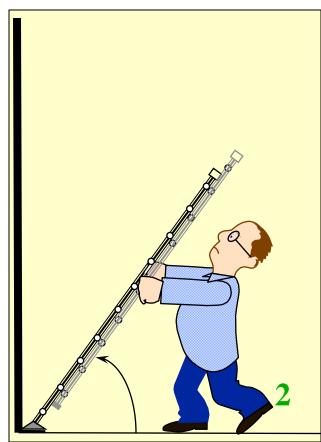




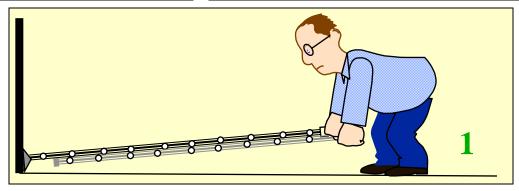
FEET: SQUARE & LEVEL

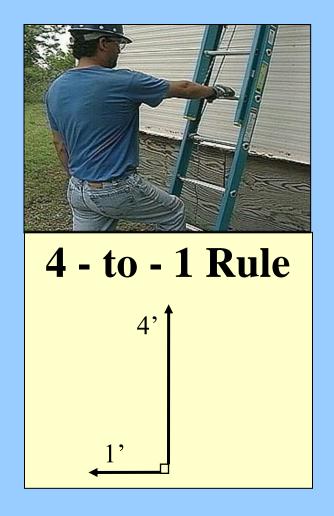


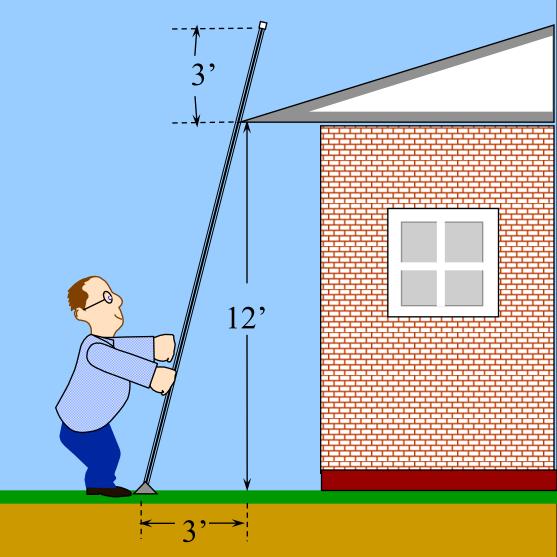




EXTENSION LADDER SETUP

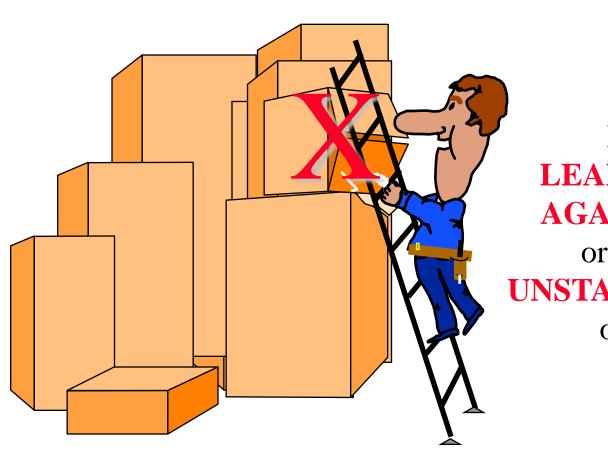






EXTENSION LADDER SETUP

EXTENSION LADDER SETUP



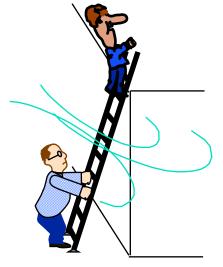
DO NOT
LEAN A LADDER
AGAINST BOXES

or Any Other

UNSTABLE OBJECTS

or Surface

EXTENSION LADDER SETUP



TIP OVER FORCES

- •Wind
- •Leaning

SECURE THE LADDER

- •Tie Top & Bottom
- •Tie Sections Together
- •Have Someone Hold





BALANCE:

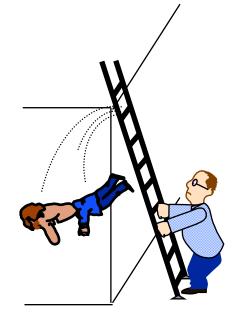
- •Go Slow
- •Keep 3 Points on Ladder
- •Face Ladder Going Up / Down
- •Have Large Objects Handed to You and / or Wear Tool Belt



FACTORS CONTRIBUTING TO FALLS

- •Haste
- •Sudden Movement
- Inattention
- •Worn or Damaged Ladder
- Physical Age
- •Inadequate Footwear



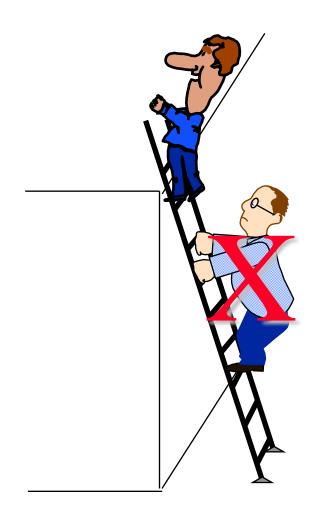


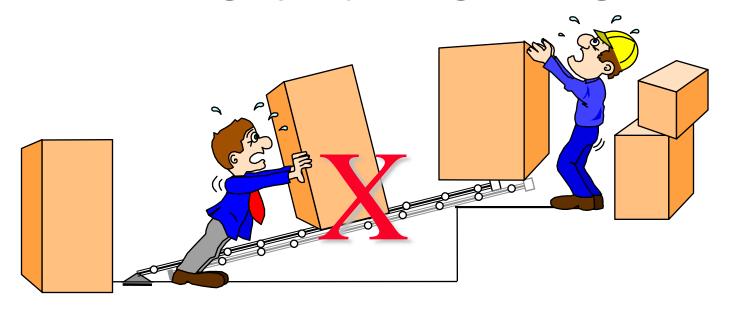
DO NOT OVERREACH

- •Keep Belt Buckle Between Rails
- Climb Down and Move Ladder

ONLY ONE PERSON ON A LADDER AT ONE TIME







DO NOT USE A LADDER FOR ANYTHING OTHER THAN CLIMBING

(NOT as Guy, Gin Poles, Brace, Skid, Gangway, Storage Shelf, etc.)

It can be Damaged Leading to Structural Failure

MAINTENANCE and



and STORAGE



- •CLEAN and LUBRICATE Regularly
- **•DO NOT PAINT**
- •HANG HORIZONTALLY on Supports every 6'
- •PROTECT from Heat or Cold and Precipitation

SUMMARY

Don't Fall Down on the Job!

EVALUATE the Job Site

SELECT the Best Ladder for the Job (Type, Load Rating, Height, Material)

INSPECT the Ladder Before Using

SET UP the Ladder Properly

CLIMB and **WORK** SAFELY

MAINTAIN the Ladder Properly

